

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 1     | "20040264227"  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/04/10 10:09 |
| S9    | 364   | (Kojima ADJ Hirotsugu Kitamura<br>ADJ Teruo).in.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/10 10:10 |
| S8    | 47    | (Kojima ADJ Hirotsugu Kitamura<br>ADJ Teruo).in.                                   | USPAT                                       | OR               | OFF     | 2006/04/10 10:11 |
| S13   | 1     | RENESAS adj TECHNOLOGY.as. and<br>(Kojima ADJ Hirotsugu Kitamura<br>ADJ Teruo).in. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/04/10 10:13 |
| S14   | 10716 | RENESAS adj TECHNOLOGY.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/04/10 10:14 |
| S15   | 29    | S14 and frequency with adjust\$4<br>with oscillator                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/04/10 10:17 |
| S18   | 1     | S9 and (frequency with adjust\$4<br>with oscillator).clm.                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/10 10:18 |
| S17   | 4     | S14 and (frequency with adjust\$4<br>with oscillator).clm.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/10 10:18 |
| S21   | 11    | S14 and frequency with adjust\$4<br>with oscillator and voltage adj<br>control     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/10 10:19 |
| S23   | 9     | S14 and frequency with adjust\$4<br>and voltage adj control adj<br>oscillator      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/10 10:20 |
| S22   | 2     | S14 and frequency with adjust\$4<br>with voltage adj control adj<br>oscillator     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/04/10 10:20 |
| S16   | 14    | S14 and frequency with adjust\$4<br>near3 oscillator                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/04/10 10:21 |

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|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S26 | 1    | S14 and frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and JTAG                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:22 |
| S25 | 10   | S14 and frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:22 |
| S27 | 1    | S14 and frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and "TAP"                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:24 |
| S29 | 29   | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and JTAG adj interface                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:25 |
| S28 | 1    | S14 and frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and JTAG adj interface            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:25 |
| S31 | 26   | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and JTAG adj interface and @ad<"20040415" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:27 |
| S34 | 6    | frequency with adjust\$4 near3 oscillator and phase adj lock\$3 adj loop and JTAG and @ad<"20040415"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:52 |
| S37 | 1962 | frequency with adjust\$4 near3 oscillator and phase adj lock\$3 adj loop and @ad<"20040415"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:58 |
| S36 | 3699 | frequency with adjust\$4 with oscillator and phase adj lock\$3 adj loop and @ad<"20040415"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 10:58 |
| S38 | 350  | frequency with adjust\$4 near3 oscillator with phase adj lock\$3 adj loop and @ad<"20040415"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 11:02 |
| S39 | 47   | frequency with adjust\$4 near3 oscillator with phase adj lock\$3 adj loop and baseband and @ad<"20040415"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 11:05 |
| S40 | 15   | frequency with adjust\$4 near3 oscillator with phase adj lock\$3 adj loop and baseband and IEEE and @ad<"20040415"      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 11:06 |

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|-----|------|--|------------------------------------|----|----|------------------|
| S41 | 59   | frequency with adjust\$4 near3 oscillator with phase adj lock\$3 adj loop and IEEE and @ad<"20040415"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 11:07 |
| S42 | 27   | frequency with adjust\$4 near3 oscillator with phase adj lock\$3 adj loop and integrated adj circuit and IEEE and @ad<"20040415" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 11:09 |
| S35 | 17   | frequency with adjust\$4 with oscillator and phase adj lock\$3 adj loop and JTAG and @ad<"20040415"                              | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:37 |
| S44 | 39   | frequency with adjust\$4 with oscillator and "ID" and JTAG and @ad<"20040415"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:40 |
| S43 | 6    | frequency with adjust\$4 with oscillator and phase adj lock\$3 adj loop and "ID" and JTAG and @ad<"20040415"                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:40 |
| S46 | 25   | frequency with adjust\$4 with oscillator and "ID" near (chip IC) and JTAG and @ad<"20040415"                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:41 |
| S45 | 26   | frequency with adjust\$4 with oscillator and "ID" with (chip IC) and JTAG and @ad<"20040415"                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:41 |
| S47 | 25   | frequency with adjust\$4 with oscillator and identif\$5 near (chip IC) and JTAG and @ad<"20040415"                               | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:43 |
| S50 | 2    | frequency with adjust\$4 with oscillator and "ID" adj register and JTAG and @ad<"20040415"                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:44 |
| S48 | 7977 | frequency with adjust\$4 with oscillator and identif\$5 nea part and JTAG and @ad<"20040415"                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:44 |
| S56 | 4    | identif\$5 near register with JTAG and @ad<"20040415"  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:54 |
| S55 | 2    | identif\$5 near register near3 JTAG and @ad<"20040415"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/04/10 12:54 |

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|-----|-----|--|---|----|----|------------------|
| S57 | 12  | identif\$5 near3 register with JTAG and @ad<"20040415"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 12:59 |
| S53 | 5   | identif\$5 near3 (chip IC) with JTAG and @ad<"20040415"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 12:59 |
| S24 | 10  | S14 and frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 14:45 |
| S58 | 906 | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and (transmi\$5 with recei\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 14:46 |
| S60 | 108 | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and (transmi\$5 with recei\$3) with "RF" and (integrated adj circuit)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 14:47 |
| S59 | 178 | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and (transmi\$5 with recei\$3) with "RF"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 14:47 |
| S62 | 87  | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and (transmi\$5 near3 recei\$3) with "RF" and (integrated adj circuit)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 14:48 |
| S61 | 240 | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and (transmi\$5 ner3 recei\$3) with "RF" and (integrated adj circuit)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 14:48 |
| S65 | 47  | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and (transmi\$5 near3 recei\$3) with "RF" and (integrated adj circuit) and @ad<"20040415"  | USPAT                                       | OR | ON | 2006/04/10 14:53 |
| S68 | 14  | frequency with adjust\$4 near3 oscillator SAME (phase adj locked adj loop PLL) and (transmi\$5 near3 recei\$3) with "RF" and (integrated adj circuit) and @ad<"20040415" | USPAT                                       | OR | ON | 2006/04/10 14:54 |
| S67 | 7   | frequency with adjust\$4 near3 oscillator WITH (phase adj locked adj loop PLL) and (transmi\$5 near3 recei\$3) with "RF" and (integrated adj circuit) and @ad<"20040415" | USPAT                                       | OR | ON | 2006/04/10 14:54 |

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|-----|-------|--|---|----|----|------------------|
| S69 | 30    | identif\$5 near3 JTAG and @ad<"20040415"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/04/10 18:20 |
| S63 | 48    | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and (transmi\$5 near3 recei\$3) with "RF" and (integrated adj circuit) | USPAT                                       | OR | ON | 2006/09/27 10:59 |
| S72 | 82    | frequency with adjust\$4 near3 oscillator with memory  | USPAT                                       | OR | ON | 2006/09/27 11:00 |
| S71 | 27    | frequency with adjust\$4 near3 oscillator and (phase adj locked adj loop PLL) and JTAG adj interface and @ad<"20040414"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:00 |
| S73 | 27    | frequency near3 (trimm\$5 adjust\$4) near3 oscillator and (phase adj locked adj loop PLL) and JTAG adj interface and @ad<"20040414"                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:01 |
| S76 | 79799 | frequency near3 (trimm\$5 adjust\$4) near3 oscillator ner3 (phase adj locked adj loop PLL) and @ad<"20040414"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:02 |
| S75 | 349   | frequency near3 (trimm\$5 adjust\$4) near3 oscillator with (phase adj locked adj loop PLL) and @ad<"20040414"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:02 |
| S74 | 1783  | frequency near3 (trimm\$5 adjust\$4) near3 oscillator and (phase adj locked adj loop PLL) and @ad<"20040414"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:02 |
| S77 | 142   | frequency near3 (trimm\$5 adjust\$4) near3 oscillator near3 (phase adj locked adj loop PLL) and @ad<"20040414"                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:04 |
| S78 | 19    | frequency adj adjust\$4 near3 oscillator near3 (phase adj locked adj loop PLL) and @ad<"20040414"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:05 |
| S79 | 178   | frequency adj (adjust\$4 control\$3) near3 oscillator near3 (phase adj locked adj loop PLL) and @ad<"20040414"                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:06 |
| S80 | 3     | 714/700.ccls. and frequency adj (adjust\$4 control\$3) near3 oscillator and @ad<"20040414"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/09/27 11:07 |

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| S81 | 12   | 714/700.ccls. and frequency adj (adjust\$4 control\$3) and @ad<"20040414"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:10 |
| S83 | 2748 | "327"/\$.ccls. and frequency adj (adjust\$4 control\$3) and @ad<"20040414"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:11 |
| S85 | 6    | ("5631587"   "6049255"   "6570421"   "6570423"   "6593784"   "6597218").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2006/09/27 11:12 |
| S84 | 6    | "327"/\$.ccls. and frequency adj (adjust\$4 control\$3) with trimming and @ad<"20040414"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:18 |
| S89 | 912  | "327"/\$.ccls. and frequency with oscillator with (adjust\$4 control\$3) with charg\$3 and @ad<"20040414"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:19 |
| S91 | 588  | "327"/\$.ccls. and frequency near232 oscillator near3 (adjust\$4 control\$3) near3 charg\$3 and @ad<"20040414"        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:20 |
| S90 | 860  | "327"/\$.ccls. and frequency near232 oscillator near3 (adjust\$4 control\$3) with charg\$3 and @ad<"20040414"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:20 |
| S92 | 32   | "327"/\$.ccls. and frequency near2 oscillator near3 (adjust\$4 control\$3) near3 charg\$3 and @ad<"20040414"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:21 |
| S93 | 15   | "327"/\$.ccls. and frequency near2 oscillator near3 (adjust\$4 control\$3) near3 charg\$3 adj pump and @ad<"20040414" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:22 |
| S94 | 35   | frequency near2 oscillator near3 (adjust\$4 control\$3) near3 charg\$3 adj pump and @ad<"20040414"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:23 |
| S95 | 120  | frequency near2 oscillator near3 (adjust\$4 control\$3) near3 charg\$3 and @ad<"20040414"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:27 |
| S97 | 17   | 327/156-158.ccls. and frequency near2 oscillator near3 (adjust\$4 control\$3) near3 charg\$3 and @ad<"20040414"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/09/27 11:28 |